

Docket No.: 43888-312

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Takayuki SHIRANE, et al.	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: April 19, 2004	:	Examiner:
	:	
For: SECONDARY BATTERY	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Each non-English language reference was first cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the

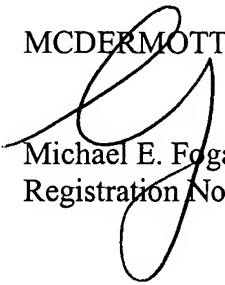
Serial No.:

foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 43888-312		SERIAL NO. [case_serial_number]	
				APPLICANT Takayuki SHIRANE, et al.			
				FILING DATE April 19, 2004		GROUP [case_group_art]	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US					
		US					
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		US					
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 2000-48802 A	02/18/2000	NTT POWER BUILDING FACILITIES INC		JAPAN (w/English Abstract)	
		JP 11-204130 A	07/30/1999	FURUKAWA BATTERY CO LTD		JAPAN (w/English Abstract)	
		JP 9-63630 A	03/07/1997	NGK INSULATORS, LTD.		JAPAN (w/English Abstract)	
		JP 2000-243433 A	09/08/2000	MATSUSHITA ELECTRIC IND CO LTD		JAPAN (w/English Abstract)	
		JP 3083554 U	11/07/2001	Enshu YO'U		JAPAN (w/English Abstract)	
		JP 2002-134160 A	05/10/2002	JAPAN STORAGE BATTERY CO LTD.		JAPAN (w/English Abstract)	
		JP 10-284047	10/23/1998	JAPAN STORAGE BATTERY CO LTD.		JAPAN (w/English Abstract)	
		JP 57-69721	04/28/1982	NEC CORP.		JAPAN (w/English Abstract)	
		JP 2000-294222	10/20/2000	MATSUSHITA ELECTRIC IND CO LTD		JAPAN (w/English Abstract)	
		JP 4-162351	06/05/1992	TOSHIBA BATTERY CO LTD		JAPAN (w/English Abstract)	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
EXAMINER				DATE CONSIDERED			

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.